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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/724,124	11/28/2000	John Richard Rosenfeld	13DV13464	5709
29399	7590	09/22/2004	EXAMINER	
JOHN S. BEULICK C/O ARMSTRONG TEASDALE LLP ONE METROPOLITAN SQUARE SUITE 2600 ST. LOUIS, MO 63102-2740			AKERS, GEOFFREY R	
		ART UNIT		PAPER NUMBER
		3625		
DATE MAILED: 09/22/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/724,124	ROSENFELD ET AL.	
	Examiner	Art Unit	
	Geoffrey Akers	3625	MW

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on July 2004.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-20 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-20 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
 5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____.

DETAILED ACTION

Response to Request for Continued Examination

1. This action is issued in reply to applicant's Request for Continued Examination(RCE) filed July, 2004.
2. Independent claims 1,9,11 were amended. No claims were cancelled. None were added.
3. Claims 1-20 are pending.

Claim Rejections - 35 USC § 103

4. Claims1-20 are rejected under 35 USC 103(a) as unpatentable over Mikurak(US Pat. No: 6,606,744) in view of Fujino(US Pat. No: 6.691,023).

The rejections cited in the Final Office Action are maintained and modified in accordance with applicant's amendment.

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5. With respect to claims 1-20 Mikurak discloses virtually all aspects of applicant's claimed invention. Mikurak teaches the features of a client system accessible by a customer(col 9 lines 33-48) and a server system that includes a plurality of servers and secured based on predetermined criteria(col 164 lines 25-39). Mikurak also teaches a centralized database(col 96 lines 29-63)(col 206 lines 38-42) as well as access to at least one of an Online Spare Parts Module, an Online Product Support Module, an Online Overhaul Communication Module an Online Warranty Module, and an Online Component Repair Module where all modules located on a plurality of servers of the parts and repair system(col 162 lines 44-59). Mikurak also discloses received parts and

services information(col 102 lines 9-27) and updating the centralized database with parts and services information(col 102 lines 9-27) as well as receiving an inquiry from a customer to obtain the parts and services information after the customer has been authenticated by the system based on predetermined criteria(col 102 lines 9-27) and retrieving the parts and services information from the centralized database in response to the inquiry(col 102 lines 9-27). Mikurak also teaches that the user is authenticated by the system based on a predetermined criteria(col 164 lines 25-39). Mikurak teaches a searchable online catalog or database(col 96 lines 29-63) and an order manager(col 45 lines 27-41) in the context of Customer Interface Management process 132. Mikurak teaches a user interface(col 93 lines 26-39) as well as current parts data(col 21 lines 44-55) as well as technical documentation with registered user access(col 94 lines 22-46)(col 164 lines 12-23) and customer service data(col 277 lines 25-44) as well as warranty service(col 162 line 44-col 163 line 25). Mikurak further teaches presentation online services being available with prices(col 163 line 42-col 164 line 10) as well as status or timeframe of repairs(col 91 lines 41-43) and a communication link as a WAN, LAN, Internet or intranet(Fig 78(7800-7810)) and security for authenticated access based on previously stored profiles(col 182 line 48-col 183 line 3).Mikurak also teaches a web customer service component listing warranties for view by a user which also may be edited(col 162 lines 51-59) and a displayed catalog may be customized based on a user profile(col 91 lines 44-45). Mikurak does teach a database including parts, repair and a services information for a plurality of customers(col 206 lines 38-42) as well as teaching (col 159 lines 8-18) that support information on a product may be searched

based on user queries in natural language queries and keyword queries. In addition to that taught by Mikurak, Fujino teaches engine diagnostics including a service engineer's analysis of customer received engine(Fig 3)(Fig 4)(Fig 5) were the analysis includes the engine serial number determination of engine parts(Abstract)(Fig 1) and a data logger of part performance(Fig 10)(Fig 20) as well as displays of engine speed, fuel pressure(Fig 12) and diagnosis of parts(Fig 14) and an engine monitor(Fig 15).It would have been obvious to one skilled in the art at the time of the invention to combine Mikurak in view of Fujino to teach applicant's disclosure,. The motivation to combine is to teach a method for diagnosis of an engine for overhaul as enunciated by Fujino(col 1 line 44- col 2 line 24).

Response to Arguments

6. Applicant's arguments are moot in view of the additional grounds of rejection necessitated by applicant's amendment.
rejection.

Conclusion

7. THIS ACTION IS MADE NON-FINAL.

Questions concerning this communication should be addressed to the examiner of record, Dr. Geoffrey Akers, P.E., who can be reached between 6:30 AM and 5:00 PM Monday through Friday at 703-306-5844. If examiner cannot be reached, the superior, Mr. Vincent Millin, SPE, may be called at (703)-308-1065.

September 20,2004



DR. GEOFFREY R. AKERS, P.E.
PRIMARY EXAMINER